

Attorney Docket # 4493-36ARCE

#20  
Amended 10/11/02  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inter RCE Application of

Shalom Z. Hirschman et al.

Serial No.: 09/257,739

Filed: February 25, 1999

For: A Method of Determining Down-Regulation of  
the Expression of HIV Coreceptor, CCR5 With  
Product R

Examiner: R. Budens  
Group Art: 1648

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Washington, D.C. 20231, on

October 1, 2002  
(Date of Deposit)

Yunling Ren

Name of applicant, assignee or Registered Representative

Signature

October 1, 2002  
Date of Signature

Assistant Commissioner for Patents  
Washington, DC 20231

AMENDMENT

S I R:

In further response to the final Office Action dated May 7, 2002 and Advisory  
Action dated September 17, 2002, please amend the above-identified application as follows:

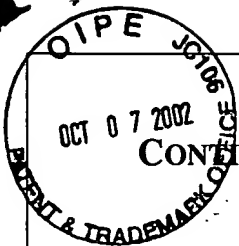
IN THE CLAIMS:

Please amend claims 1 and 7 as follows:

1. (four-time amended) A method for determining down-regulation of gene  
expression of a human immunodeficiency virus (HIV) coreceptor, comprising the steps of:

- a) culturing cells capable of expressing said human HIV coreceptor;
- b) dividing said cultured cells into a plurality of groups;

1  
J. cont'd.



**REQUEST  
FOR  
CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

Subsection (b) of 35 USC §132, effective on May 29, 2000,  
provides for continued examination of an utility or plant application  
filed on or after June 8, 1995.

See The American inventors Protection Act of 1999 (AIPA).

Application Number	09/257,739
Filing Date	February 25, 1999
First Named Inventor	Shalom Z. Hirschman
Group Art Unit	1648
Examiner Name	R. Budens
Attorney Docket Number	4493-36ARCE

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

Note: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000 applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (April 11, 2000), which established RCE practice.

1. **Submission required under 37 C.F.R. § 1.114**

- a. ☒ Previously submitted
- i. ☒ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on August 5, 2002. (Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on
- iii. ☐ Other
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other

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2. **Miscellaneous**

- a. ☐ Suspension of action of the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed three months; Fee under 37 C.F.R. § 1.17(I) required)
- b. ☐ Other

3. **Fees**

The RCE fee under 37 C.F.R. 1.17(e) is required by 37 C.F.R. 1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.: 03-2412.

- i. ☒ RCE fee required under 37 C.F.R. § 1.17(e) 10/09/2002 HBERHE 00000002 032412 09257739
- ii. ☒ Extension of time fee (37C.F.R. §§ 1.136 and 1.17) 01 FC:279 370.00 OP
- iii. ☒ Small Entity Status is being claimed for this application.
- vi. ☐ Other

- b. ☒ Check in the amount of \$370.00 enclosed.

- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print/Type)	Yunling Ren	Registration No. (Attorney/Agent)	47,019
Signature		Date	October 1, 2002

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on: October 1, 2002

Name (Print/Type)	Yunling Ren	Date	October 1, 2002
Signature			



Attorney Docket No.: 4493-36ARCE

## FILING FEE COMPUTATION SHEET

*Submit an original and a duplicate for fee processing*

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, DC 20231

Dated: October 1, 2002

In re RCE Application of: **Shalom Z. Hirschman**  
For: **A Method of Determining Down-Regulation of the Expression of HIV**  
**Coreceptor, CCR5 With Product R**  
Parent Serial No.: **09/257,739**

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The filing fee has been calculated as shown below:

FOR:	Col. 1	Col. 2	SMALL ENTITY	OTHER THAN SMALL ENTITY
	# FILED	# EXTRA		
BASIC FEE			\$370	\$740
TOTAL CLAIMS	<u>7</u> - 20 =	<u>0</u>	x 9 = \$ 370	x 18 = \$
INDEPENDENT CLAIMS	<u>2</u> - 3 =	<u>0</u>	x 42 = \$ 0	x 84 = \$
<input type="checkbox"/> MULTIPLE DEPENDENCY			+\$140 = \$ 0	+ 280 \$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2			TOTAL: \$ 370	\$